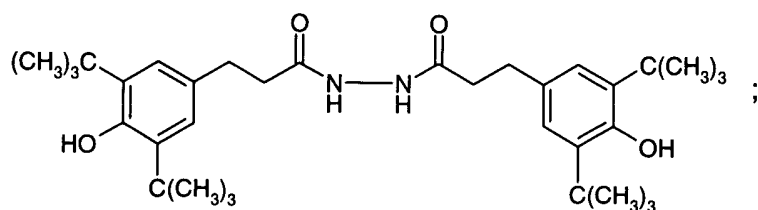
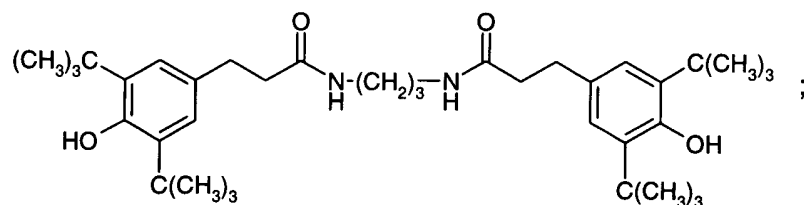


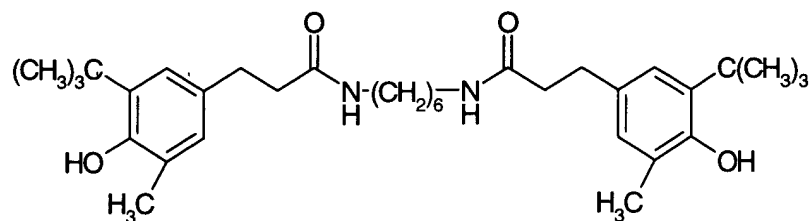
**Claims:**

D2  
**1-5. (cancelled)**

**6. (original)** A solid single-phase amorphous stabiliser, which comprises 2 or more compounds having a molecular weight in the range from 300-1000 g/mol.

**7. (original)** An amorphous solid or subcooled melt of  
2,2'-methylenebis(4-[1,1,3,3-tetramethylbutyl]-6-benzotriazol-2-yl-phenol);  
bis(2-methyl-4-hydroxy-5-tert-butylphenyl)sulfide;  
N,N'-bis(3-[3',5'-di-tert-butyl-4'-hydroxyphenyl]propionyl)hexamethylenediamine;  
1,3,5-trimethyl-2,4,6-tris(3',5'-di-tert-butyl-4'-hydroxybenzyl)benzene;  
1,3,5-tris(3,5-di-tert-butyl-4-hydroxybenzyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione;  
1,3,5-tris(4-tert-butyl-3-hydroxy-2,6-dimethylbenzyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione;  
di(1,2,2,6,6-pentamethylpiperidin-4-yl)-2-(3,5-di-tert-butyl-4-hydroxybenzyl)-2-n-butylmalonate;  
2-(2'-hydroxy-3',5'-bis(1,1-dimethylbenzyl)phenyl)benzotriazole;  
2-(2'-hydroxy-3',5'-di-tert-butylphenyl)benzotriazole;  
2-(2-hydroxy-3,5-di-tert-butylphenyl)-5-chlorobenzotriazole;  
an isomeric mixture of 5,7-di-tert-butyl-3-(3,4-dimethylphenyl)-(9d)-2(3H)-benzofuranone and 5,7-di-tert-butyl-3-(2,3-dimethylphenyl)-(9d)-2(3H)-benzofuranone;  
or of a compound of formula





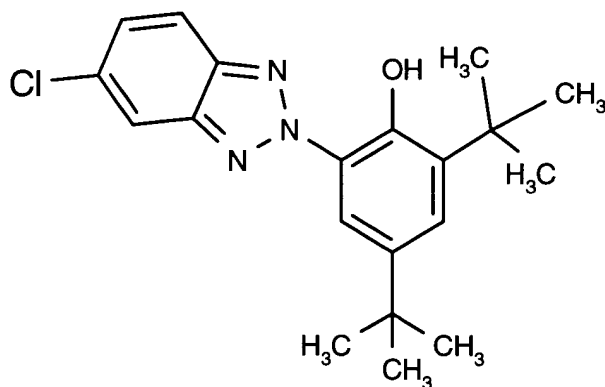
D<sup>2</sup>  
Cont.

8. **(original)** A mixture comprising a subcooled melt or amorphous solid of a compound according to claim 7 in an amount from 5 to 100 % by weight.

9. **(previously amended)** A process for the preparation of a subcooled melt according to claim 7, which comprises rapidly cooling the melt to a temperature from the regular melting point to the glass transition temperature of the homogeneous phase.

10. **(currently amended)** A process for the preparation of anthe amorphous solid according to claim 7, which comprises chilling the melt or subcooled melt ~~according to claim 7~~ to a temperature below its glass transition temperature.

11. **(original)** Crystalline  $\beta$ -modification of the compound 14

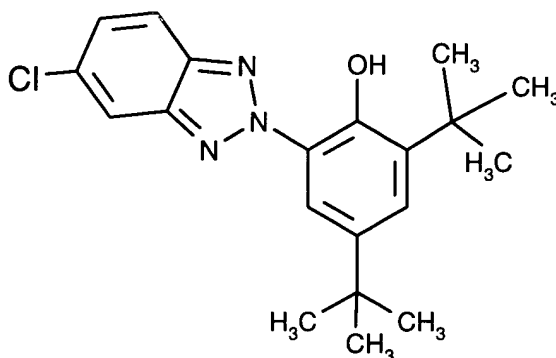


(14)

characterised by the interplanar spacings are  $9.4 \cdot 10^{-10}$  m,  $4.69 \cdot 10^{-10}$  m,  $3.94 \cdot 10^{-10}$  m and  $3.79 \cdot 10^{-10}$  m.

D<sup>2</sup>  
Cont.

12. (currently amended) A mixture consisting of different modifications of compound 14 of formula



which comprises from 40 up to 100 % by weight of  $\beta$ -crystalline form according to claim 11.

13. (original) A process for the preparation of the  $\beta$ -crystalline form of compound 14 according to claim 11, which comprises crystallising, recrystallising or tempering compound 14 in the temperature range from 95°C to the melting point and then cooling it rapidly.

14. (original) A process for colour-stabilising amorphous pentaerythritol-tetrakis(3-[3',5'-di-tert-butyl-4'-hydroxyphenyl]propionate), which comprises admixing a stabiliser from the class consisting of the organic phosphites, phosphonites and/or benzofuran-2-ones to a melt consisting of pentaerythritol-tetrakis(3-[3',5'-di-tert-butyl-4'-hydroxyphenyl]propionate) and solidifying the mixture so obtained.

15. (original) Colour-stabilised amorphous pentaerythritol-tetrakis(3-[3',5'-di-tert-butyl-4'-hydroxyphenyl]propionate) containing a sufficient stabilising amount of a stabiliser from the class consisting of the organic phosphites, phosphonites and/or benzofuran-2-ones.

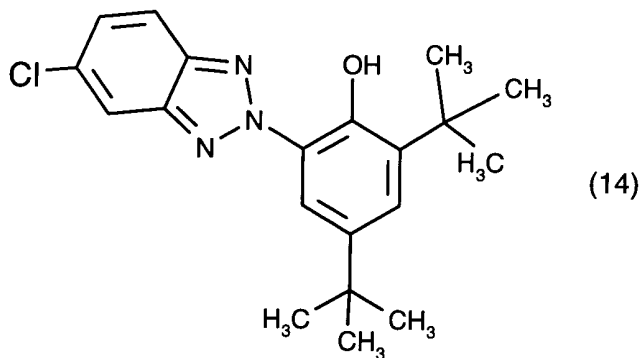
16. (original) A stabiliser composition, which comprises

- a) pentaerythritol-tetrakis(3-[3',5'-di-tert-butyl-4'-hydroxyphenyl]propionate), and
- b) a compound of the benzofuran-2-one type.

D2  
Cont.

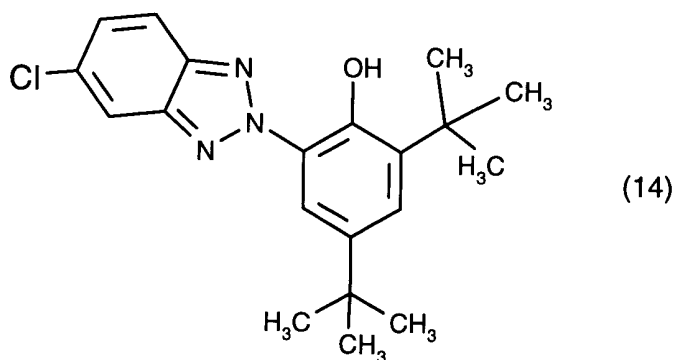
17. (previously amended) A composition, which comprises

- A) an organic material susceptible to oxidative, thermal or/and actinic degradation or build-up, and  
B) the amorphous form of a compound according to claim 7, the  $\beta$ -crystalline form of compound 14



characterised by interplanar spacings at  $9.4 \cdot 10^{-10}$  m,  $4.69 \cdot 10^{-10}$  m,  $3.94 \cdot 10^{-10}$  m and  $3.79 \cdot 10^{-10}$  m and/or the stabiliser composition which comprises a) pentaerythritol-tetrakis(3-[3',5'-di-tert-butyl-4'-hydroxyphenyl]propionate), and b) a compound of the benzofuran-2-one type as stabiliser.

18. (previously amended) A process for stabilising organic material against oxidative, thermal or actinic degradation or build-up, which comprises adding to the material the amorphous form of a compound according to claim 7, the  $\beta$ -crystalline form of compound 14



characterised by interplanar spacings at  $9.4 \cdot 10^{-10}$  m,  $4.69 \cdot 10^{-10}$  m,  $3.94 \cdot 10^{-10}$  m and  $3.79 \cdot 10^{-10}$  m and/or the stabiliser composition which comprises a) pentaerythritol-tetrakis(3-[3',5'-di-tert-butyl-4'-hydroxyphenyl]propionate), and b) a compound of the benzofuran-2-one type as stabiliser.

19. **(original)** A process according to claim 18, wherein 0.01 to 15 parts by weight of the stabiliser are added to 100 parts by weight of organic material to be stabilised.

D<sup>2</sup>  
cat.  
20. **(original)** A process according to claim 18, wherein the organic material is a synthetic thermoplastic polymer.

21. **(original)** A process according to claim 18, wherein a customary additive is added as further component.

22. **(previously added)** Granules obtained by a process which comprises extruding a subcooled melt consisting essentially of an organic compound having a molecular weight of 200 to 1500 g/mol, or the plastic composition consisting of the mixture of the subcooled melt and a further component, which is selected from compounds of the subcooled melt in crystalline form and other conventional additives.

23. **(currently amended)** A process for the preparation of a subcooled melt of a mixture comprising a subcooled melt according to claim 8, which comprises rapidly cooling the melt to a temperature from the regular melting point to the glass transition temperature of the homogeneous phase.

24. **(currently amended)** A process for the preparation of a mixture comprising an amorphous solid according to claim 8, which comprises chilling the melt or a subcooled melt according to claim 8 to a temperature below its glass transition temperature.

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